





Rhode Island's Statewide Diabetes Outpatient Education (DOE) System

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Objective



To describe the

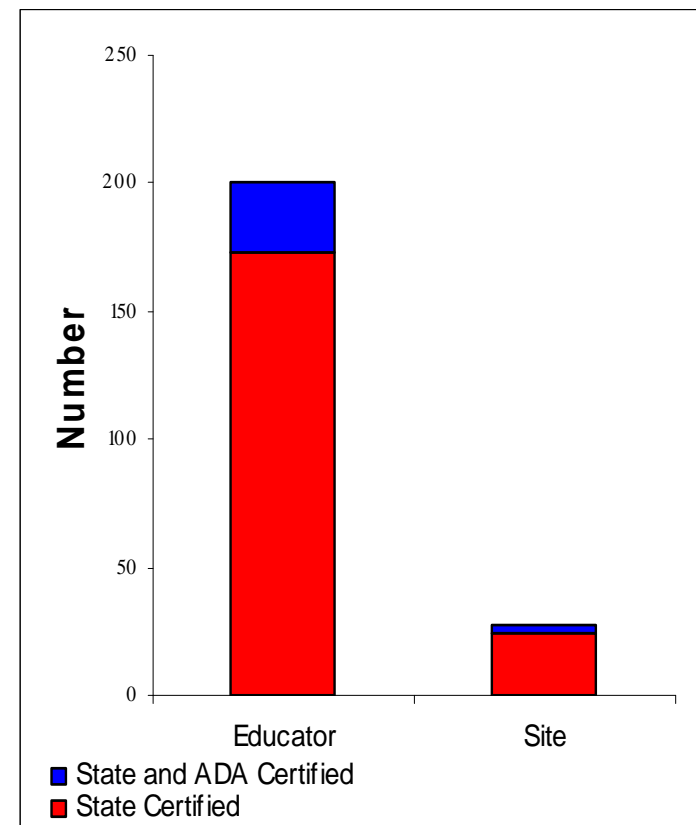
- Integration into the health care system
- Accessibility
- Standardization
- Quality control
- Institutionalization
- Evaluation

Of the Rhode Island DOE Program

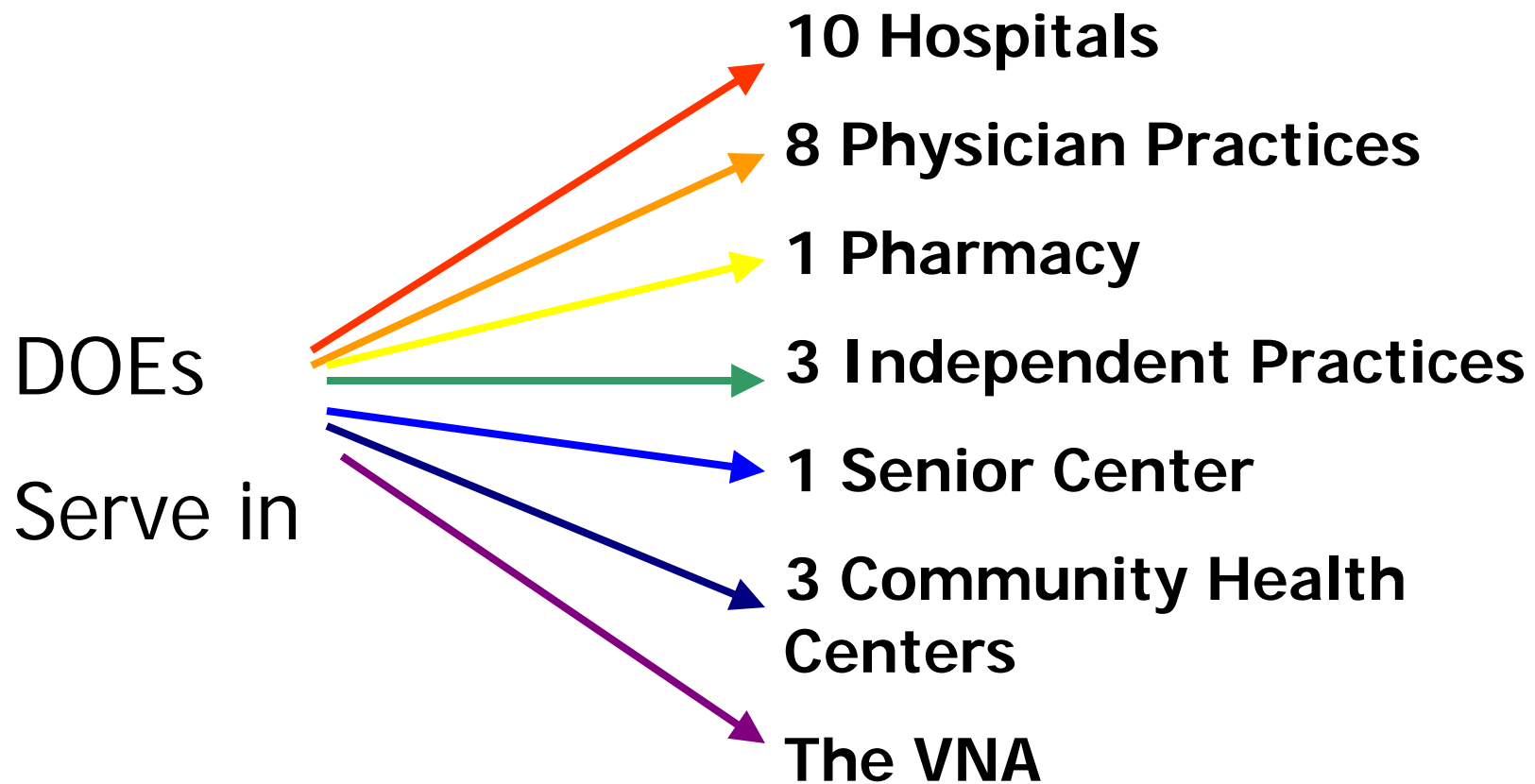
Scope of Diabetes Education in Rhode Island



- Rhode Island's diabetes education system includes
- 200 educators
 - All certified by the state
 - 27 also certified by AADE
- 27 education sites
 - All certified by state
 - 3 also certified by ADA



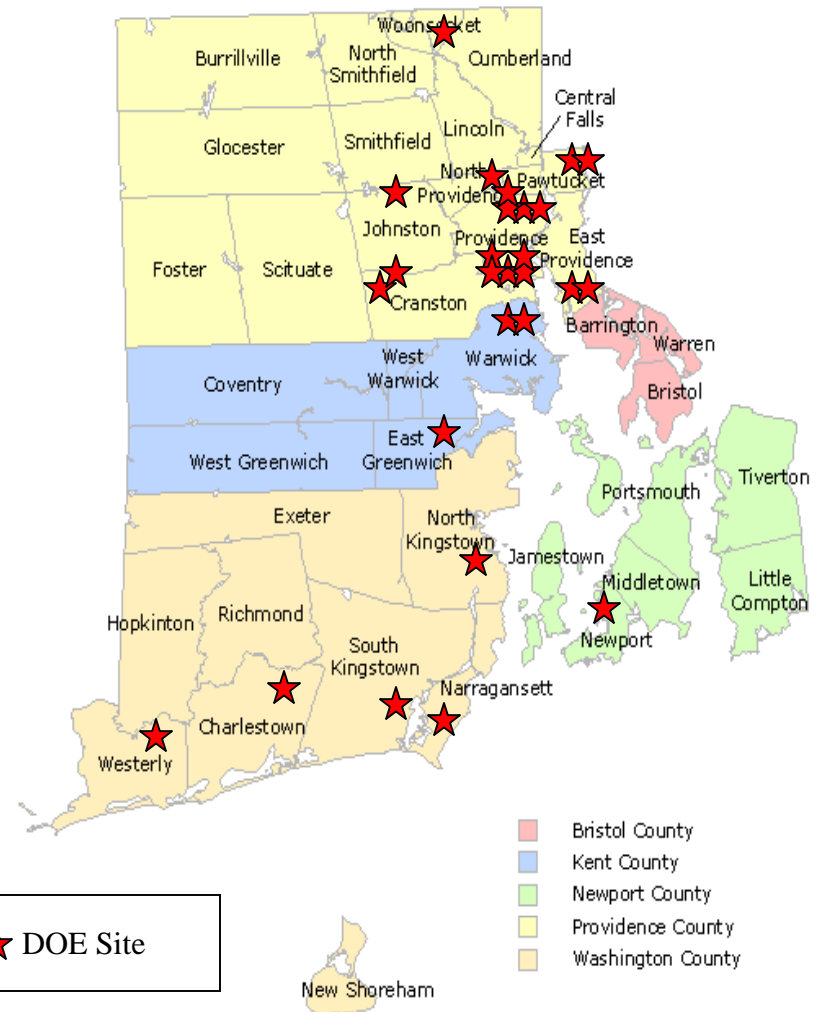
Integrating DOE into the Health Care System



Accessibility



DOE is Statewide



Accessibility (2)



- In **Rhode Island** 63,000 people have been diagnosed with diabetes*
 - 276 people/educators (CDOEs and CDEs)
 - 2,334 people/site
- In the **US** 14.6 million people have been diagnosed with diabetes**
 - 945 people/educator (CDEs)

*2006 RI BRFSS

**Division of Diabetes Translation, CDC

Standardization



- The RI Diabetes Professional Advisory Committee (DPAC) oversees the DOE Board. Members include
 - Third party payers
 - Practitioners
 - Nonprofit organizations
 - Dept. of Health Programs- primary care, obesity, diabetes

Standardization (2)



- The DOE Board
 - Develops the DOE curriculum
 - Organizes continuing education for educators
 - Oversees quality control of DOE education
 - Mentors DOE educators
 - Develops DOE policies
 - Markets DOE
- DOE reporting forms are standardized for intake and follow-up

Quality Control



- DOE application requirements
 - 3 years of experience as RN, RD, or RPh
 - Licensed to practice in Rhode Island
 - 12 hours of diabetes education experience
 - DOE exams are validated by the American Nurses Association

Quality Control (2)



- Rigorous passing criteria
 - Teaching practicum
 - Passing grade
 - Attendance at 5 workshops
- Annual recertification
 - Meet annual minimum number of contact hours
 - Attend 2 of 4 DOE meetings/year

Institutionalization



- Rhode Island General Laws 27-18-28 (January 1997: Insurers operating in Rhode Island required to reimburse for diabetes education)
- Insurance plans covering diabetes education include:
 - Neighborhood Health Plan
 - Blue Cross/Blue Shield
 - United Health Plan

Institutionalization (3)



- DOE is integrated into all RIDCP Programs
- TEAMWorks (group visit, team approach)
- RICCC (Rhode Island Chronic Care Collaborative)
- Diabetes Information, Referral and Education Specialists (DIREs) refer community members for education

Educators serve as channels for NDEP influenza and standards of care

Evaluation



- Process
 - Number of educators
 - Number of people who received individual or group diabetes education overall and by age, ethnicity, race

Evaluation (2)



- Outcomes at 3, 6 months after session.
Self-report of
 - HbA1c test and result
 - Foot exam
 - Blood pressure
 - Dilated retinal exam
 - Dental exam
 - Flu and pneumovax

Evaluation (3)



- BRFSS diabetes core, diabetes module and state-added questions
 - Self report of diabetes education
 - Ever
 - Within the past 12 months
 - Comparison of self-reported standards of care between respondents reporting diabetes education and those who reported none

Conclusions



- Rhode Island's Diabetes Outpatient Education System is
 - **Integrated** into all parts of the health care system
 - **Highly accessible** to all people with diabetes in the state
 - **Standardized** throughout the state

Conclusions (2)



- A **high quality** education system
- **Institutionalized** in state law, insurer reimbursement practices, and DCPC programs
- **Evaluated** continuously for process and intermediate health outcomes